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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/540,274	02/27/2007	Takao Ozawa	050400	1467
23850 7590 06/25/2007 ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP 1725 K STREET, NW SUITE 1000 WASHINGTON, DC 20006			EXAMINER DEBERADINIS, ROBERT L	
			ART UNIT 2836	PAPER NUMBER
			MAIL DATE 06/25/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

**Application No.**

10/540,274

**Applicant(s)**

OZAWA ET AL.

**Examiner**

Robert DeBeradinis

**Art Unit**

2836

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 27 February 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 and 5 is/are rejected.
- 7) ☒ Claim(s) 2-4 and 6-8 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>6/23/05, 9/18/06</u> . | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over  
WALLACE 6,191,703 in view of SNYDER et al. 5,942,988.

**CLAIM 1.**

WALLACE discloses a vehicle antitheft device mounted on a vehicle having a starter device (obvious part of internal combustion engine) that starts an engine when a collation between an in-vehicle equipment (62) and a portable equipment (14) through a radio communication is completed and an operation of a start operation is performed, the vehicle antitheft device actuating a predetermined theft preventing function so as to prevent the vehicle from being thieved, the vehicle antitheft device comprising: in-vehicle equipment current supplying means (90) for supplying an electric current to an in-vehicle electric equipment under a condition where said collation is completed before an engine start is performed by said start device in the vehicle; and activation limiting means for limiting an activation of said predetermined theft preventing function (col.1, line 67, col. 2, lines 1,2).

WALLACE does not disclose theft preventing function when a current supply to said in-vehicle electric equipment by said in-vehicle equipment current supplying means started.

SNYDER et al. discloses current sensor (24) detects current flow in vehicles electrical systems generates a sensor signal in response to a detected condition as an input to the remote engine start controller.

It would have been obvious to one having ordinary skill in the art at the time of this invention to have modified the antitheft to have a current sensor to sense when the vehicle is in a running state and provide the limiting means for limiting the activation of said predetermined theft when supplying means is started to disable the antitheft when the driver activity is such that false alarms could be generated.

Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over WALLACE 6,191,703 in view of SNYDER et al. 5,942,988 in further view of JOHNSON et al. 5,977,654.

CLAIM 5.

WALLACE in view of SNYDER disclose the vehicle antitheft device of claim 1.

WALLACE in view of SNYDER do not disclose a push –type start switch.

JOHNSON et al. discloses the remote control FAB 60 includes push button (64).

It would have been obvious to one having ordinary skill in the art to provide the FAB to control the remote start disclosed by SNYDER to provide a remote start control for the antitheft system.

***Allowable Subject Matter***

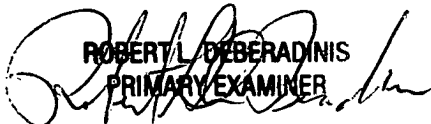
Claims 2,3,4,6,7,8 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Any inquiry concerning this communication should be directed to Robert L. DeBeradinis whose number is (571) 272-2049. The Examiner can normally be reached Monday-Friday from 8:30 am to 5:00 pm.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Michael Sherry, can be reached on (571) 272-2058. The Fax phone number for this Group is (571) 272-8300.

RLD

JUNE 20, 2007

  
ROBERT L. DEBERADINIS  
PRIMARY EXAMINER